

FIGURE 1

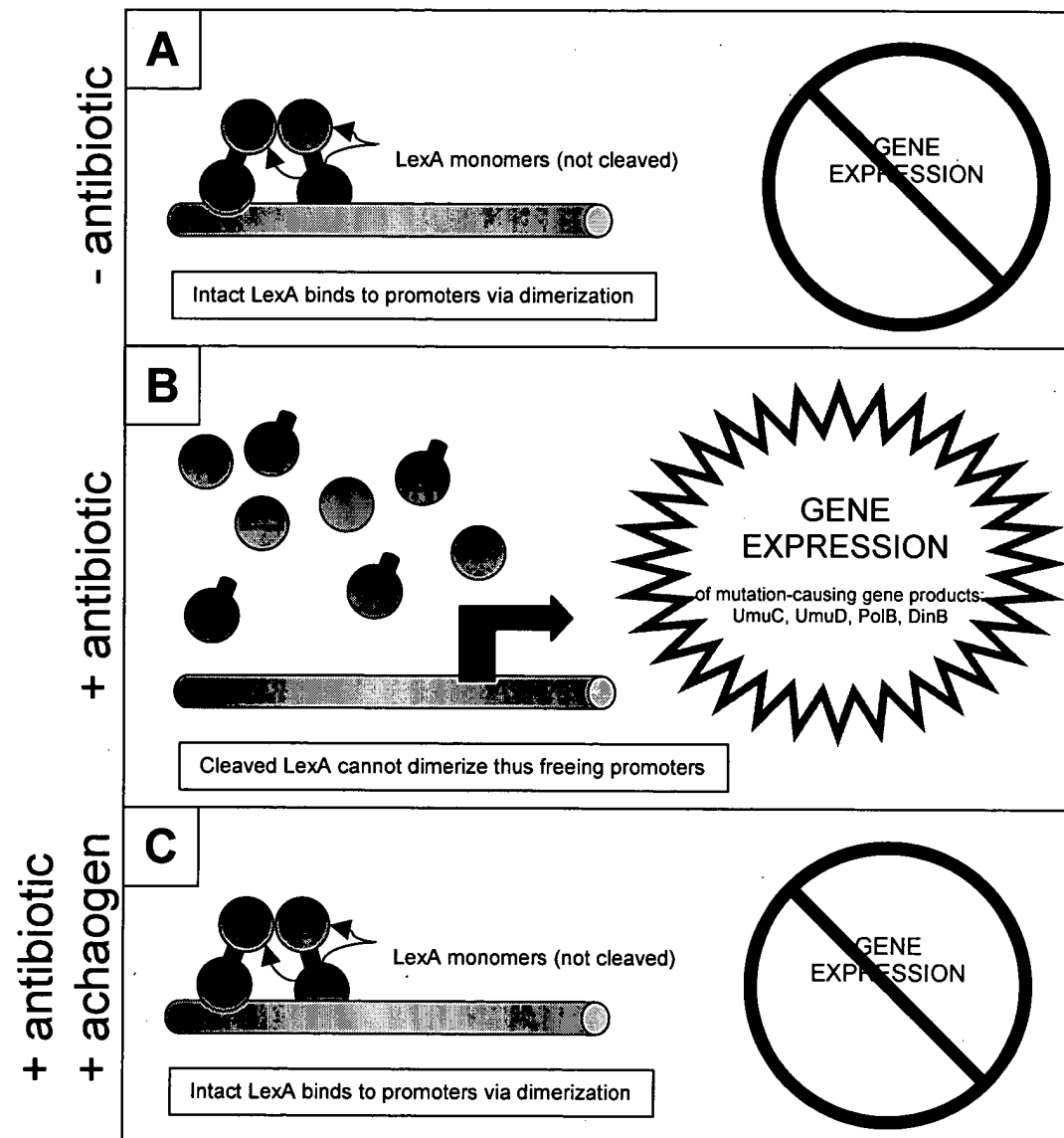


FIGURE 2

X=Ala,Asn,Gly,Gln,Glu,His,Ile,Leu,Met,Phe,Pro,Thr,Trp,Tyr,Val

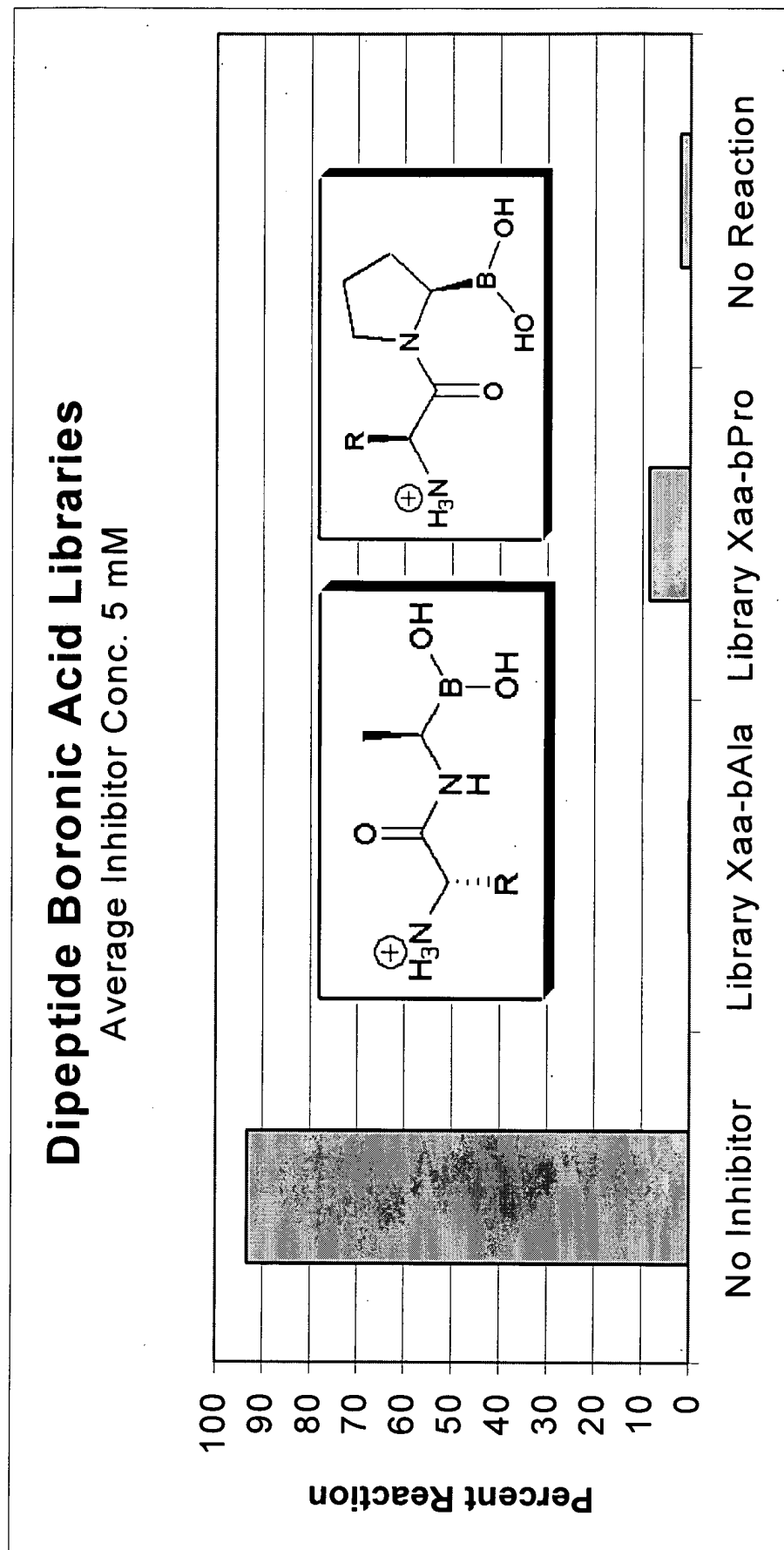


FIGURE 3

Acetylated Dipeptide Boronic Acids Average Inhibitor Conc. 8 mM

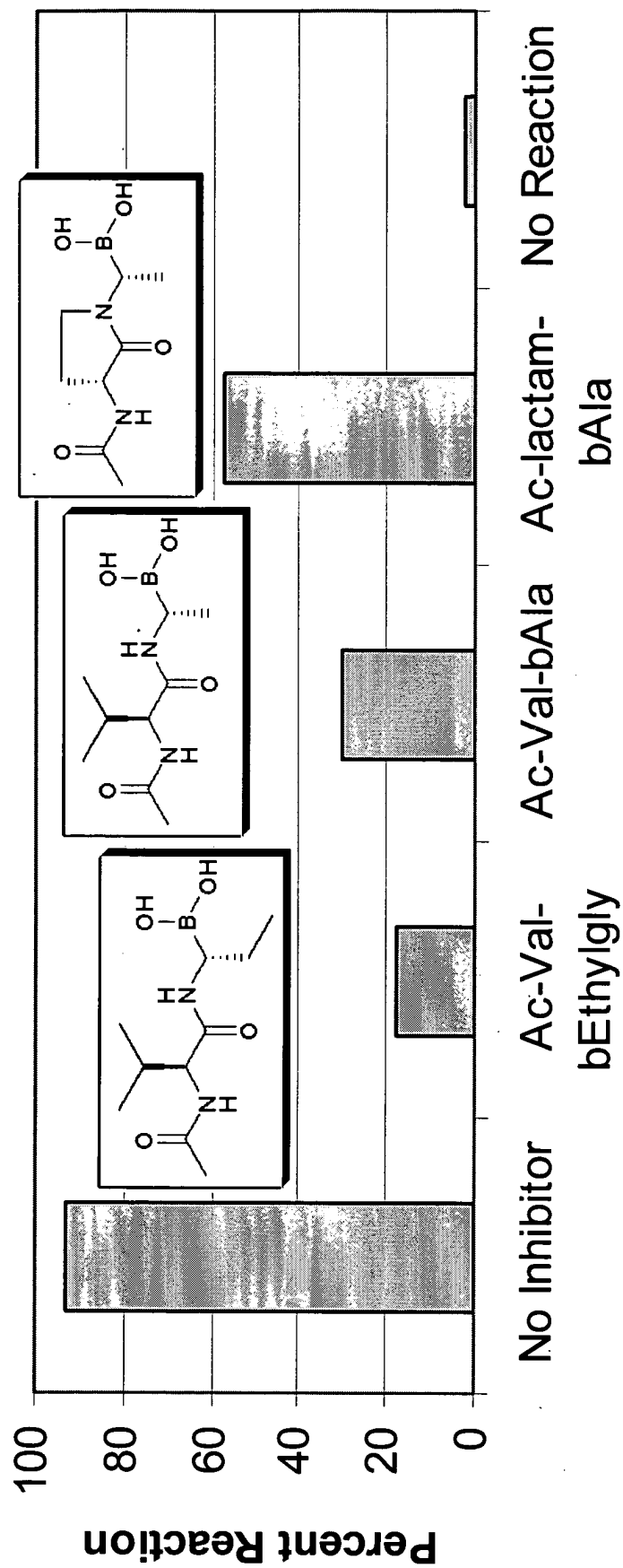
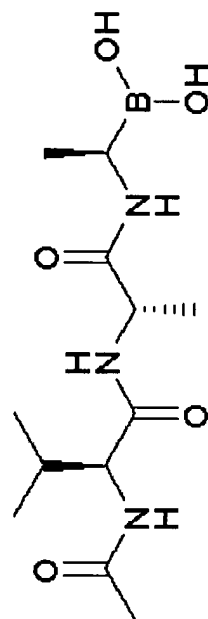
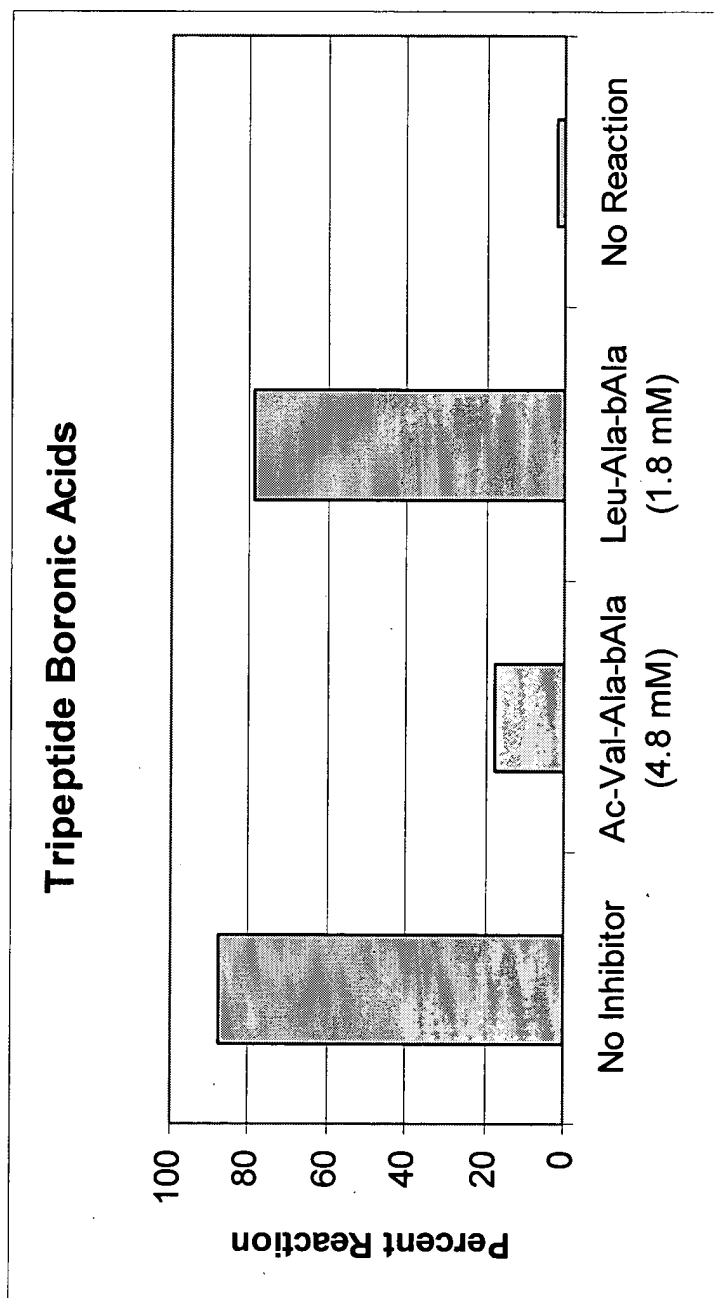
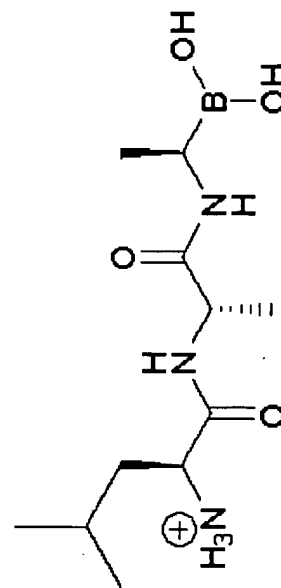


FIGURE 4

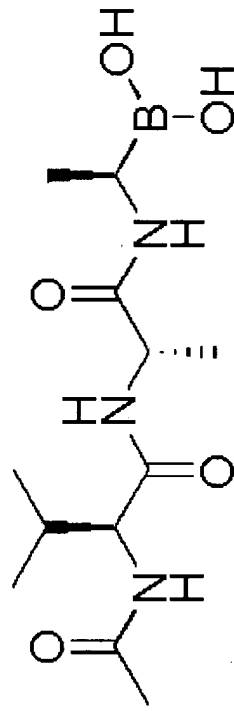


Ac-Val-Ala-bAla



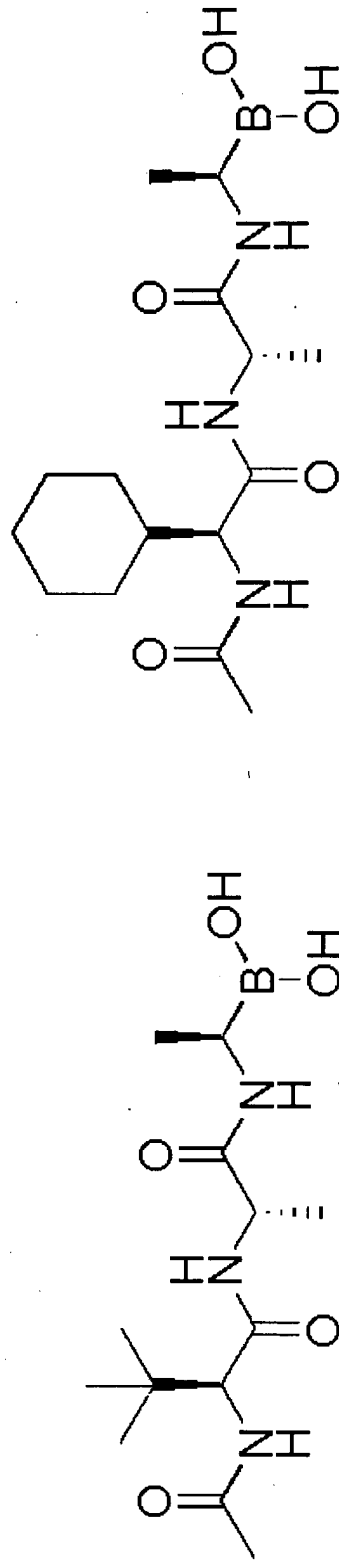
Leu-Ala-bAla

FIGURE 5



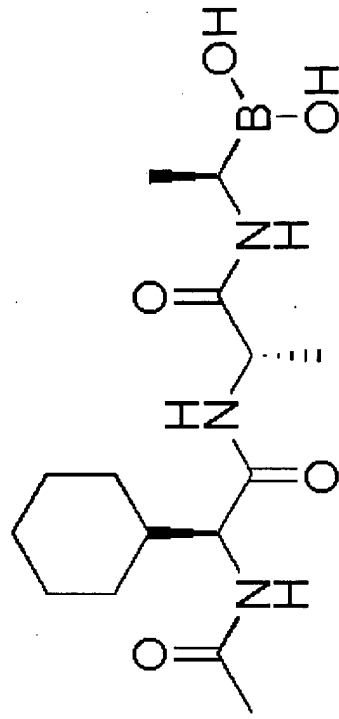
Ac-Val-Ala-boroAla

MW: 301.15



Ac-tert-Bug-Ala-boroAla

MW: 315.17



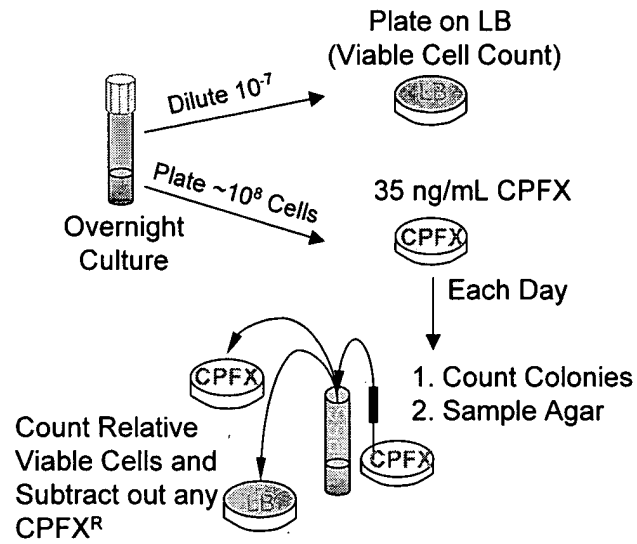
Ac-Chg-Ala-boroAla

MW: 341.21

Tripeptide Boronic Acid Inhibitors

FIGURE 6

SLAM Assay



Verify Adaptive Mutation

Plate representative number of
day 2, day 3, etc
colonies on 0.035 μ g/ml CPF_X

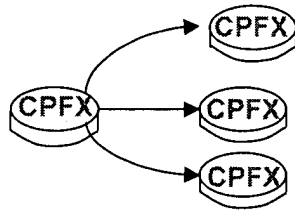


FIGURE 7